7.   A method as described in claim 1, wherein said nozzles are positioned along a longitudinal center axis of said cylinder bores.

9.   A method as described in claim 1 wherein said cylinder bore is coated in multiple passes.

20.   A method as described in claim 1 further including initially coating said cylinder bores with a first material, and then coating said bores with a blend gradient of said first material and a second material, and then coating said bore with said second material.

Please add new claim 24:

24.   A method of lining a plurality of cylinder bores of a reciprocating piston internal combustion engine aluminum engine block comprising:

spraying said cylinder bores with a gas-dynamic cold spray to coat said cylinder bore with materials differing from a material of said engine block, said spray coming from nozzles having unified up and down relative movement with said engine block, and said nozzles being at an angle of 30° plus or minus 15° with surfaces of said cylinder bores, said method including initially coating said cylinder bores with a copper material, and then coating said bores with a blend gradient of copper and a wear material, and then coating said bores with said wear material.

REMARKS

Claims 21 and 23 were rejected under 35 U.S.C. § 112, ¶ 1. Claims 20-23 were rejected under 35 U.S.C. § 112, ¶ 2. Claims 1-4, 6, 7, 9 and 22 were rejected under 35 U.S.C. § 103 as being unpatentable over Palazzolo, et al., U.S. Patent 5,691,004 in view of Alkhimov, et al., U.S. Patent 5,302,414 in view of Shepherd, U.S. Patent 2,588,422. Additional claims 20, 21 and 23 were rejected under 35 U.S.C. § 103 as being patentable over Palazzolo, et al., in view of Alkhimov, et al. in view of Shepherd and further in view of Gorynin, et al., U.S. Patent 5,363,523. With this submission, Applicants submit amended claims 1, 7 and 9 and 20. Applicants also submit new claim 24. Reexamination and reconsideration of the non-allowed claims are respectfully requested.